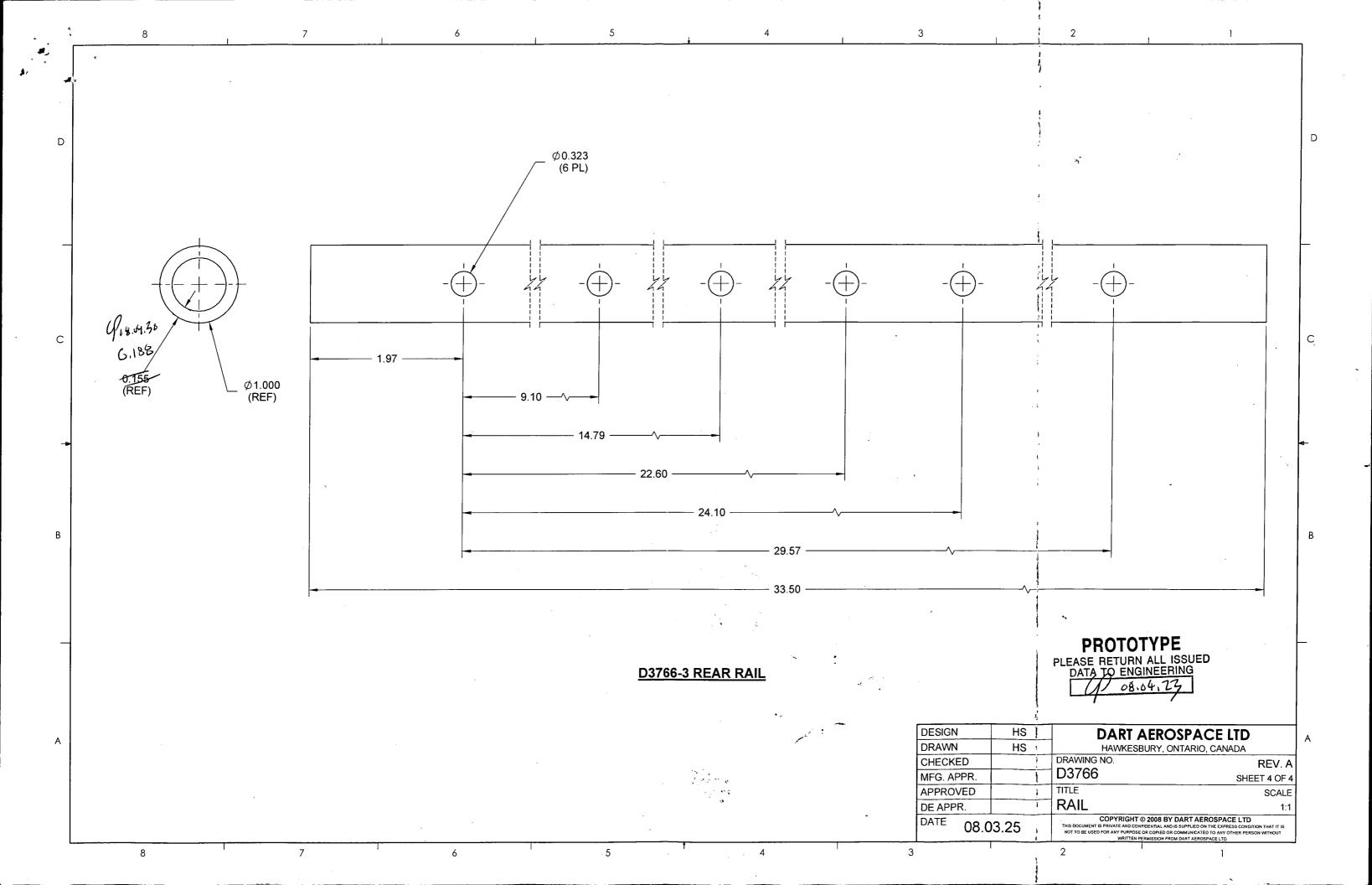
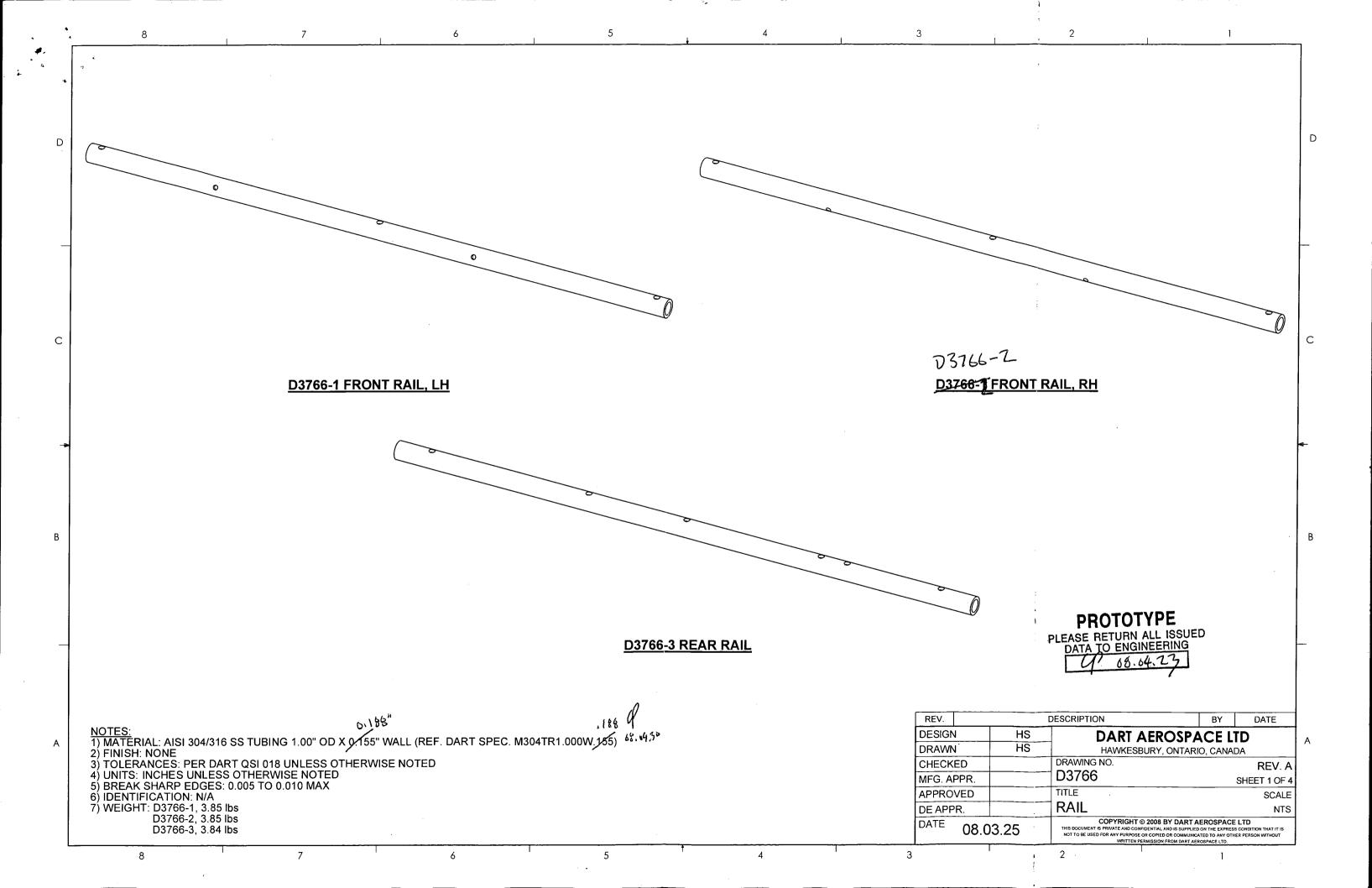
Tuesday, 29/04/2008 11:23:07 AM Date: • CIC Malanie Fauteux **Process Sheet** : REAR RAIL **Drawing Name** Customer : CC-DAR01 Dart Aerospace Ltd. Job Number : 38874 **Estimate Number** : 10804 : D37663 **Part Number** P.O. Number PROTOTYPE : 29/04/2008 S.O. No. : **Drawing Number** This Issue : NC Prsht Rev. Project Number 08,04.30 : 29/04/2008 : R & D SM/MED FAB **Drawing Revision** First Issue Type : 38870 Material **Previous Run Due Date** : 16/05/2008 Qty: 2 Um: Each Written By Checked & Approved By Comment **Additional Product PROTOTYPE** Job Number: Description: Seq. #: **Machine Or Operation:** SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 Comment: SMALL & MEDIUM FAB RESOURCE 1 08-05-13 MAKE PER DRWG D3766 REV A 304 RD Tube 1.0" x .155W 304 RD TUBE 1" x . 1884 Comment: Qty.: 2.9300 f(s)/Unit Total: 5.8600 f(s) INSPECT WORK TO CURRENT STEP 3.0 QC5 **ENGINEERING** PH 06.05.14 Comment: INSPECT WORK TO CURRENT STEP PACKAGING PACKAGING RESOURCE #1 4.0 Comment: PACKAGING RESOURCE #1 FOR ENGINEERING USE ONLY GIVE TO CHRIS P-ENG PH 08.05.29 CHARGE TO JOB #00196 5.0 QC21 FINAL INSPECTION/W/O RELEASE CERTIFICATE OF CONFORMIT REQUIRED Comment: FINAL INSPECTION/W/O RELEASE Worlder Job Completion

Page 1

Form: rprocess





Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES												
DATE	STEP	PROCEDURE CHANGE	By Date		Approval Chief Eng / Prod Mgr	Approval QC inspector								
08.v4.30	, 7	USE AISI 304/31655 TOBING, 1.00" OD > 0.188" WALL DART SPEC. M3047R1.000W.188 INSTEAD OF 0.155"	Sa	2 step. 2	ý	08.64.70 PC OS) 642	A .							
	·													

Part No:	PAR #:	Fault Category:	NCR: Yes	No	DQA:	Date:	
			QA: N	I/C C	losed:	Date:	

NCR:		WORK ORDER NON-CONFORMANCE (NCR)													
DATE		Description of NC		Corrective Action Section B	Verification	Approval									
	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto							
						1									

	. 1	Recei	iving Rep	ort			
D	Pate: 8/5/7			h No: <u>///</u> -			
S	upplier: MANA	<u>) </u>	Dart	P/O:	270		
Packing Slip: Invoice: Receipt:	YesNo Yes No Cash Cr	v S	telease Note A Vaybill Attache hipment Com C6 Inspection Vork Order	ed: You	es No es No es No codos(a)		- -
Discrepancies Part	Description	Quantity	Quantity	Quantity	Quantity	Comments	
Number		Ordered	Received	Returned	Short		
							_
		Initials	of receiver (if shipment	OK) Level	2/2/	
Production/Ac Date Received/Cos Initial	<u>08/05/08</u>				Locatio	on	-
H:\FORMS\Purch	nasing\approved purch\RECI	REPORT Revi	D			,	
неаt # 168	/12-3						
			3 201	78			
	REC	EIVED P	105 E 1 YAA				
							1090.00
	Sub-Total G.S.T.						54.50
NISTRATION DE 11/2% F	PAR MOIS (18% PAR ANNÉE) S	UR COMPTE PAS	SSÉ DÛ. T.COMME		TO	TAL→	1144.50

FRAIS D'ADMINISTRATION DE 11/2% PAR MOIS (18% PAR ANNÉE) SUR COMPTE PASSÉ DÚ. LE PRÉSENT CONTRAT SERA RÉGI PAR LES LOIS DE LA PROVINCE DE QUÉBEC ET COMME AYANT PRIS NAISSANCE DANS LE DISTRICT JUDICIAIRE DE MONTRÉAL. ADMINISTRATION CHARGES OF 11/2% PER MONTH (18% PER YEAR) ON OVERDUE ACCOUNTS. THE PRESENT AGREEMENT SHOULD BE GOVERNED BY THE QUEBEC LEGISLATION AND SHOULD SE CONSIDERED AS HAVING ORIGINATED IN THE JUDICIAL DISTRICT OF MONTREAL.



Shanghai Huaerde Stainless Steel Pipe Manufacture Co., Ltd. Chihua Road, Shanghai Chemical Industry Park(Section B) Fengxian District, Shanghai.201417 China Mill Test Report #HED39569-04

According to EN10204 - 3.1



Custome	er Name	_								Material Specification		ASTM A/SA-213 A269 NACE MR0175 TP316/316L OD 220 GRIT POLISHING						
Purchase Order No.		39569								Heat Treatment Solut		Solution	Solution Annealed in the temperature of 1040°C for 20 minutes and Quenched by water					
Description		Cold Fin	Cold Finished Seamless Austenitic Stainless Steel Tubes								Heat No. 8-109							
							•					·						
ELEMENTS		C %	Mn %	.P %	\$ %	Si %	Cr %	Ni %	Mo %	1	Lot No. Yiel		Yield Strength	Tensile Strength	Elongation	Hardness		
SPECIFICATION		Max 0.035	Max 2.00	Max 0.045	Max 0.030	Max 1.00	16.0 ~18.0	10.0 ~14.0.	2.0 ~3.0.		8-109 Mi		Min.205MPa	Min.515 MPa	Min.35%	Max.90		
RESULTS(LA		0.018	1.34	0.005	0.024	0.40	16.40	10.14	2.13		07-10-15-88-1		245	539	46%	77		
RESULTS(Pf	RODUCT) material delive	0.020	1.25	0.005	0.013	0.51	16.47	10.13	2.17		07-10-15-88-2		247	543	48%	81		
Item No.	Quantity	iry .								D) Hydrostatic Test, NDT and Dimensional check, etc.								
4	1120 ft			riptions			leat No.	_	No.		Testing Item			Details	Results			
2	1880 ft			19" x 20'			8-109		D-15-88				AS	TM A999	Satisfactory			
3	520 ft			35" x 20'	ـــــل	_	8-109)-15-88	1,5 = 1 = 1,5 = 1 = 1,5 =			AS	TM A999	Satisfactory			
4	500 ft			38" x 20'			8-109		0-15-88	Flattening Test			AS1	M A1016	Satisfactory			
· · · · · ·	300 H		35mm x 2	.5mm x 2	J'		8-109	07-10	0-15-68		Flaring Test		ASTM A1016		Satisfactory			
		-					-			 	Inter-granular Corros	sion test	AST	ASTM A262 E		atisfactory		
		-				 												
		~								╂──								
E) Steel Mak	ing Process						~~~			<u> </u>						·		
Electrical Fur	nace																	
F) Statemen	l			·····														
1. No weld re	pair performed t	or billet and	pipe															
2.The Materi	als have been m	anufactured	,tested and	i examine	d in acc.	with all	the requi	rements o	f the ord	lered sta	indards and we confir	rm that all te	est results are a	cceptable SIAIHLE	SE STEEL PIPE	Aug		
Electrical Furnace F) Statement 1. No weld repair performed for billet and pipe 2. The Materials have been manufactured , tested and examined in acc. with all the requirement of the pipe of the pi				Li Bi	n	Approved by QC manager			luang Ming	A CANADA								